



IDAHO DEPARTMENT  
OF HEALTH AND WELFARE

DIVISION OF  
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 334-0502

Philip E. Batt, Governor

May 17, 1996

**CERTIFIED MAIL #P 875 705 039**

Steve Lafrenz, President  
Lake Pre-Mix Concrete  
P.O. box 1356  
Sandpoint, Idaho 83864

RE: P-777-00182 Lake Pre-Mix Concrete - (Portable Concrete Batch Plant)

Dear Mr. Lafrenz:

On July 7, 1995, the Division of Environmental Quality (DEQ) issued a Tier II Operating Permit to Lake Pre-Mix Concrete (Lake Pre-Mix) for the operation of a concrete batch plant located in downtown Sandpoint. A letter was issued to Lake Pre-Mix on April 12, 1996 amending the relocation section of the permit. Lake Pre-Mix has requested to amend the permit to allow for maximum operational flexibility within the boundaries of the Sandpoint PM-10 nonattainment area. Upon review of the requested permit amendments and all applicable state and federal rules and regulation, DEQ has determined the proposal satisfies the requirements for the issuance of a Tier II Operating Permit in accordance with IDAPA 16.01.01.400 (Rules for the Control of Air Pollution in Idaho). Enclosed is amended Tier II Operating Permit (#777-00182) which replaces the permit dated July 7, 1995. This amended permit will remain in effect until May 17, 2001.

This operating permit is for the operation of the Johnson 630 concrete batch plant only. Should you desire to re-erect and operate the concrete batch plant covered by the July 7, 1995, Tier II Operating Permit sometime in the future, Permit to Construct applicability is required.

The amended Tier II Operating Permit allows Lake Pre-Mix to relocate the Johnson 630 plant so long as relocation forms are filed with DEQ. Through the issuance of this permit, Lake Pre-Mix is prohibited from relocating to the Sandpoint downtown corridor. The final Sandpoint SIP will prohibit industrial PM-10 emitting sources from locating to the downtown area of Sandpoint.

This permit does not release the Permittee from compliance with all other applicable federal, state, local, or tribal laws, regulations, or ordinances including applicable requirements due to co-location of this facility.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street, Tenth Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision.

If you have any questions regarding the terms or conditions of the enclosed permit, contact Brian R. Monson, Chief, Operating Permits Bureau, at (208) 373-0502.

Sincerely,


Orville D. Green  
Assistant Administrator  
Permits and Enforcement

ODG/BR/jrj:Lake Pre-Mix.PL

cc: R. Wilkosz/TSB  
EPA-IOO

B. Bayde/AFS  
Permit File

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COF

<p style="text-align: center;"><b>STATE OF IDAHO AIR POLLUTION OPERATING PERMIT</b></p> <p style="text-align: center;"><b>GENERAL INFORMATION</b></p>	<p><b>PERMIT NUMBER</b></p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">7</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">7</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">7</div> <div style="margin: 0 5px;">-</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">1</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">8</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">2</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="text-align: center;"> <p><b>AQCR</b></p> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">0 6 3</div> </div> <div style="text-align: center;"> <p><b>CLASS</b></p> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">B</div> </div> <div style="text-align: center;"> <p><b>SIC</b></p> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">3 2 7 3</div> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="text-align: center;"> <p><b>ZONE</b></p> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">1 1</div> </div> <div style="text-align: center;"> <p><b>UTM COORDINATE (km)</b></p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">5</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">3</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">3</div> <div style="margin: 0 5px;">.</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">9</div> <div style="margin: 0 5px;">,</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">5</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">3</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">4</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">7</div> <div style="margin: 0 5px;">.</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">2</div> </div> </div> </div>	
<p>1. <b>PERMITTEE</b> Lake Pre-Mix Concrete</p>		
<p>2. <b>PROJECT</b> Johnson 630 Portable Concrete Batch Plant</p>		
<p>3. <b>ADDRESS</b> P.O. Box 1356</p>	<p><b>TELEPHONE #</b> (208) 263-5000</p>	<p><b>COUNTY</b> Bonner</p>
<p>4. <b>CITY</b> Sandpoint</p>	<p><b>STATE</b> Idaho</p>	<p><b>ZIP CODE</b> 83864</p>
<p>5. <b>PERSON TO CONTACT</b> Steve Lafrenz</p>	<p><b>TITLE</b> President</p>	
<p>6. <b>EXACT PLANT LOCATION</b> Portable, excluding the downtown area of Sandpoint, Idaho</p>		
<p>7. <b>GENERAL NATURE OF BUSINESS &amp; KINDS OF PRODUCTS</b> Concrete Batch Plant</p>		
<p>8. <b>GENERAL CONDITIONS</b></p> <p style="margin-top: 10px;">This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01.400 and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be operated by this permit.</p> <p style="margin-top: 10px;">THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF OPERATION AND DESIGN INFORMATION PRESENTED MADE AVAILABLE TO THE DEPARTMENT. CHANGES IN DESIGN, OPERATION, OR EQUIPMENT, THAT RESULT IN ANY CHANGE IN THE NATURE OR AMOUNT OF EMISSIONS, MUST BE APPROVED IN ADVANCE BY THE DEPARTMENT.</p>		
<div style="text-align: center;">         ASSISTANT ADMINISTRATOR        DIVISION OF ENVIRONMENTAL QUALITY     </div>		<p>ISSUED <u>MAY 17, 1996</u></p> <p>DATE</p> <p>EXPIRES <u>MAY 17, 2001</u></p> <p>DATE</p>

## AIR POLLUTION OPERATING PERMIT

## PERMIT NUMBER

## PERMITTEE AND LOCATION

Lake Pre-Mix Concrete  
Portable Concrete Batch Plant  
Sandpoint, Idaho

777 - 00182

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

## SOURCE

Johnson 630 Portable Concrete Batch Plant

## 1. EMISSION LIMITS

1.1 Baghouse Stack Emission Limits

PM<sub>10</sub> Emissions ((IDAPA 16.01.01.006.72) (Rules for the Control of Air Pollution in Idaho)) from the cement storage silo baghouse exhaust stack shall not exceed 0.034 pounds per hour (lb/hr) or 0.03 tons per year (T/yr).

1.2 Baghouse and All Other Point Source Opacity Limit

Emissions emanating from the cement storage silo exhaust stack and any other stack, vent, or other functionally equivalent opening, shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period as required in IDAPA 16.01.01.625. Opacity shall be determined using the procedures contained in the Department's "Procedures Manual for Air Pollution Control."

1.3 Visible Fugitive Emission Limit at Property Boundary

Visible fugitive emissions shall not be observed leaving the property boundary for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period. Visible emissions shall be determined by Method 22, as described in 40 CFR Part 60, Appendix A, or a Department approved alternative method. A plot plan clearly showing the facility boundaries shall be made available to Department representatives upon request.

## 2. OPERATING REQUIREMENTS

2.1 Maximum Throughput Limits2.1.1 Winter Operations

The maximum daily concrete throughput during the months of November through March shall not exceed two hundred seventy cubic yards per day (270 cy/day).

2.1.2 Summer Operations

The maximum daily concrete throughput during the months of April through October shall not exceed four hundred cubic yards per day (400 cy/day).

2.2 Shrouding Fogger Unit

The shrouding fogger unit shall be used at all times when transferring cement and aggregate materials into the drum of a cement truck or equivalent.

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## SOURCE

Johnson 630 Portable Concrete Batch Plant

### 2.3 Control of Fugitive Emissions

Fugitive particulate emissions resulting from the operation of this facility (IDAPA 16.01.01.006.35) including but not limited to, traffic on haul roads, traffic areas, all aggregate handling equipment, and all stockpiles shall be reasonably controlled as required in IDAPA 16.01.01.650.

Some of the reasonable precautions may include, but are not limited to the following:

2.3.1 Use of water or environmentally safe chemicals;

2.3.2 Application of dust suppressants;

2.3.3 Use of control equipment;

2.3.4 Covering of trucks;

2.3.5 Paving; and

2.3.6 Prompt removal of earth or other stored material from streets, where practical.

### 2.4 Pressure Drop Across Baghouse

The pressure drop across the cement storage silo baghouse shall be maintained within the manufacturer's specifications and recommendations. Documentation of the manufacturer's operating pressure drop specifications shall remain on-site and shall be made available to Department representatives upon request.

### 2.5 Mandatory Curtailment/Air Stagnation Advisory Days

There shall be no operation of the concrete batch plant during days of Mandatory Curtailment and/or Air Stagnation Advisory.

## 3. MONITORING REQUIREMENTS

### 3.1 Concrete Throughput Monitoring

#### 3.1.1 Winter Operations

The Permittee shall monitor and record the concrete throughput rate once per day to demonstrate compliance with Section 2.1.1 of this permit. The amount shall be recorded as cubic yards per day (cy/day) in a log kept at the facility for the most recent two (2) year period. The log shall be made available to Department representatives upon request.

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## AIR POLLUTION OPERATING PERMIT

## PERMIT NUMBER

## PERMITTEE AND LOCATION

Lake Pre-Mix Concrete  
 Portable Concrete Batch Plant  
 Sandpoint, Idaho

777 - 00182

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## SOURCE

Johnson 630 Portable Concrete Batch Plant

3.1.2 Summer Operations

The Permittee shall monitor and record the concrete throughput rate once per day to demonstrate compliance with Section 2.1.2 of this permit. The amount shall be recorded as cubic yards per day (cy/day) in a log kept at the facility for the most recent two (2) year period. The log shall be made available to Department representatives upon request.

3.2 Baghouse Pressure Drop Monitoring

The Permittee shall monitor and record once per week, when operating, the pressure drop across the cement storage silo baghouse to demonstrate compliance with Section 2.4 of this permit. The pressure drop shall be recorded as inches of water ("H<sub>2</sub>O") in a log kept at the facility for the most recent two (2) year period. The log shall be made available to Department representatives upon request.

3.3 Relocation

At least ten (10) days prior to relocation of the concrete batch plant covered by this permit, the permittee shall report to DEQ, on forms supplied by DEQ, the following information:

3.3.1 Location of the new site of operations;

3.3.2 Start-up date at the new site of operations and the duration of the operations at the new site; and

3.3.3 A plot plan clearly showing the property boundary of the new site.

3.4 Certification of Documents

All documents, including, but not limited to, records, monitoring data, supporting information, testing reports or compliance certifications submitted to the Department shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

3.5 Fugitive Control Monitoring

The Permittee shall monitor and record in a log, during operation, on a daily basis the method(s) used to reasonably control emissions from all sources listed in Section 2.3 of this permit. The log shall include the type of control used (i.e., water, chemical dust suppressants, etc.) as well as the circumstances under which no controls are utilized. The most recent two (2) years' compilation of data shall be kept on-site and be made available to Department representatives upon request.

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**OPERATING PERMIT GENERAL PROVISIONS**

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code 39-101 et. seq.
- B. The Permittee shall at all times (except as provided in the Rules for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C. The Permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter upon the Permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
  - 2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing in conformance with state approved or accepted EPA procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 39-111, Idaho Code, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environmental Quality.
- E. Nothing in this permit is intended to relieve or exempt the Permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- F. If emission testing is specified, the Permittee must schedule such testing within sixty (60) days after achieving the maximum production rate, but not later than one hundred and eighty (180) days after initial startup. Such testing must strictly adhere to the procedures outlined in the Department's Procedures Manual for Air Pollution Control, and will not be conducted on weekends or state holidays. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment. The Department shall be notified at least fifteen (15) working days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to the Department upon request.
- The performance tests will be performed at the maximum production rate. If this maximum rate is not achieved during testing, the allowable production rate will be limited to the production rate attained during testing.
- G. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.

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EXPIRES: MAY 17, 2001

- H. This permit shall be renewable on the expiration date, provided the Permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.
- I. The Director may require the Permittee to develop a list of Operation and Maintenance Procedures which must be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the Permittee shall adhere to all of the operation and maintenance procedures contained therein.
- J. The Permittee shall provide the Department a minimum of ten (10) working days' notice prior to the scheduled date of any emissions test required pursuant to this permit. The Permittee shall notify the Air Quality Bureau of any change in the testing schedule and shall provide at least one (1) working day's notice prior to conducting any rescheduled test. Any records or data generated as a result of such compliance tests shall be made available to the Department upon request.
- K. The provisions of this permit are severable; and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.
- L. Operation information shall include daily and annual hours of operation, and process throughput rate(s) as applied to development of permit conditions.
- M. Equipment replacement shall not constitute a modification pursuant to IDAPA 16.01.01.200 of the Rules for the Control of Air Pollution in Idaho only if the Permittee operates the replacement equipment in accordance with the requirements of this permit.
- N. Any records of performance tests, and any other information collected to ascertain whether limits of this permit are being met shall be kept in an easily accessible location at the permitted facility for at least two (2) years.

The Permittee shall submit a test protocol for each performance test conducted on equipment listed in this permit. The protocol shall be submitted to the Department for approval at least thirty (30) days prior to each test date. Each performance test report, including any required process data, shall be submitted to the Department within thirty (30) days of the date on which the performance test is conducted.

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